DIAGNOSTIC MICROBIOLOGY INFECTIOUS DISEASE

Volume 21 (1995) Contents

NUMBER 1, JANUARY	
Bacteriology Development, Characterization, and Initial Evaluations of S1: A New Chromogenic Cephalosporin for β-Lactamse Detection Larry D. Sutton, Douglas J. Biedenbach, Ann Yen, and Ronald N. Jones	1
Mycology Variations in DNA Subtype, Antifungal Susceptibility, and Slime Production Among Clinical Isolates of Candida parapsilosis Michael A. Pfaller, S.A. Messer, and Richard J. Hollis	9
Recovery of Coccidioides immitis from Blood and Abscess Fluid Using the BacT/Alert System Ribhi M. Shawar, Jonny L. Salyer, Denise Ballou, and Jill E. Clarridge	15
Virology Comparison of Three Commercially Available Monoclonal Antibodies Directed Against pp65 Antigen for Cytomegalovirus Antigenemia Assay José L. Pérez, Jordi Niubò, Carmen Ardanuy, Ana Carvajal, Amparo García, Joan Salvà, Javier T. Martínez-Lacasa, Josep M. Escribà, and Rogelio Martín	21
Antimicrobial Susceptibility Studies Susceptibility of Ciprofloxacin-Resistant Staphylococci and Enterococci to Clinafloxacin Gregory D. Harrington, Lidija T. Zarins, Mary A. Ramsey, Suzanne F. Bradley, and Carol A. Kauffman	27
Multicenter in vitro Comparative Study of Fluoroquinolones Against 25,129 Gram-Positive and Gram-Negative Clinical Isolates Barbara La T. Prosser and George Beskid	33
In vitro Antimicrobial Susceptibility of Glycopeptide-Resistant Enterococci Collin Freeman, Ann Robinson, Brian Cooper, Mary Mazens-Sullivan, Richard Quintiliani, and Charles Nightingale	47
Notes Cross-Resistance Analysis for DU-6859a, a New Fluoroquinolone, Compared to Six Structurally Similar Compounds (Ciprofloxacin, Clinafloxacin, Fleroxacin, Levofloxacin, Ofloxacin, and Sparfloxacin) Martin G. Cormican, Steven A. Marshall, and Ronald N. Jones	51

Comparison of One-Day versus Two-Day Incubation of Urine Cultures Kim L. Joho, Hesham Soliman, and Melvin P. Weinstein	55
Editorial	
Interpretive Errors Using an Automated System for the Susceptibility Testing of Imipenem and Aztreonam	57
Douglas J. Biedenbach and Ronald N. Jones	
NUMBER 2, FEBRUARY	
Bacteriology	
Superiority of Conventional Culture Technique over Rapid Detection of Group A Streptococcus by Optical Immunoassay	61
Deborah M. Baker, Rita M. Cooper, Carol Rhodes, Lisa A. Weymouth, and Harry P. Dalton	
Increased Recovery of Group B Streptococcus by the Inclusion of Rectal Culturing and Enrichment	65
Mark W. Platt, James C. McLaughlin, George J. Gilson, Mary F. Wellhoner, and Linda J. Nims	
A Prolonged Outbreak of Exfoliative Toxin A - Producing Staphylococcus aureus in a Newborn Nursery	69
Andrew Mackenzie, Wendy Johnson, Barbara Heyes, Barbara Norrish, and Frances Jamieson	
Parasitology	
Evaluation of a Commercially Available ELISA Assay for Detection of Giardia lamblia in Fecal Specimens	77
William E. Aldeen, Devon Hale, Alexander J. Robinson, and Karen Carroll	
Antimicrobial Susceptibility Studies	
Influence of β-Lactamase Inhibitors on the Activity of Oxacillin against Methicillin-Resistant Staphylococcus aureus	81
Shan-Chwen Chang, Wei-Chuan Hsieh, and Kwen-Tay Luh	
Emerging Multiply Resistant Enterococci Among Clinical Isolates: I. Prevalence Data from 97 Medical Center Surveillance Study in the United States	85
Ronald N. Jones, Helio S. Sader, Meridith E. Erwin, Steven C. Anderson, and The Enterococcus Study Group	
Emerging Multiply Resistant Enterococci Among Clinical Isolates: II. Validation of the Etest to Recognize Glycopeptide-Resistant Strains	95
Ronald N. Jones, Meridith E. Erwin, and Steven C. Anderson	
Case Report	
Pneumonia with Pleural Effusion due to Legionella pneumophila serogroup Lansing 3	101
W. Thomson Martin, Carol A.J. Boyle, Kathryn Bernard, Kurt E. Williams, and John M. Conly	
Notes	
Antimicrobial Activity of 11 Newer and Investigational Drugs Tested Against Aerobic Isolates from Spontaneous Bacterial Peritonitis	105
Helio S. Sader, Bruce A. Runyon, Meridith E. Erwin, and Ronald N. Jones	

In vitro Activity of β-Lactamase Inhibitors Against Clinical Isolates of Acinetobacter Species Byungse Suh, Tatyana Shapiro, Robert Jones, Vilas Satishchandran, and Allan L. Truant	111
Evaluation of the Etest for Penicillin Susceptibility Testing of Neisseria meningitidis	115
Peña Gomez-Herrus, R. González-Palacios, J. Romanyk, J.A. Cuadros, and J. Ena	
Letter to the Editors β-Lactamase Tests for Screening <i>Enterococcus faecalis</i> Isolates <i>John F. Tomayko Jr., and Barbara E. Murray</i>	119
NUMBER 3, MARCH	
Bacteriology Detection of Borrelia burgdorferi DNA by Polymerase Chain Reaction in the Urine and Breast Milk of Patients with Lyme Borreliosis Bruno L. Schmidt, E. Aberer, C. Stockenhuber, H. Klade, F. Breier, and A. Luger	121
Mycology	
Comparison of Three Methods of Antifungal Susceptibility Testing with the Proposed NCCLS Standard Broth Macrodilution Assay: Lack of Effect of Phenol Red Alan M. Sugar and Xiuping Liu	129
Antimicrobial Susceptibility Studies	
Validation of a Modified Kirby-Bauer Disk Diffusion Method for Metronidazole Susceptibility Testing of Helicobacter pylori Peter D. Midolo, John Turnidge, John R. Lambert, and Jan M. Bell	135
National Survey of the in vitro Spectrum of Piperacillin Tazobactam Tested Against More than 40,000 Aerobic Clinical Isolates from 236 Medical Centers Ellen Jo Baron and Ronald N. Jones	141
Comparative Antimicrobial Activity of Piperacillin/Tazobactam Tested Against More than 5000 Recent Clinical Isolates from Five Medical Centers: A Re-Evaluation after Five Years Steven A. Marshall, Kenneth E. Aldridge, Stephen D. Allen, Peter C. Fuchs,	153
E. Hugh Gerlach, and Ronald N. Jones In Vitro Activity of RP 59500 (Quinupristin/Dalfopristin) Against Antibiotic-Resistant Strains of Streptococcus pneumoniae and Enterococci	169
Caroline C. Johnson, Linda Slavoski, Mary Schwartz, Phyllis May, Peter G. Pitsakis, Andrew L. Shur, and Matthew E. Levison	
Note	
Tentative Criteria for Determining the in vitro Susceptibilities of <i>Haemophilus</i> influenzae, Including Quality Control Parameters, to Two Fluoroquinolones (Grepafloxacin and PD 131628)	175
David L. Sewell, Arthur L. Barry, Stephen D. Allen, Peter C. Fuchs, James H. Jorgensen, and Fred Tenover	

NUMBER 4, APRIL

Bacteriology	
Automation of Polymerase Chain Reaction Tests: Reduction of Human Errors Leading to Contamination	181
Werner W. Wilke, Ronald N. Jones, and Larry D. Sutton	
Minimum Bactericidal Concentrations of <i>Propionibacterium acnes</i> Isolates from Cases of Chronic Endophthalmitis	187
Gerri S. Hall, Kathy Pratt-Rippin, David M. Meisler, John A. Washington, Thomas J. Roussel, and Darlene Miller	
Mycology	
Evidence of Nosocomial Spread of Candida albicans Causing Bloodstream Infection in a Neonatal Intensive Care Unit	191
David R. Reagan, Michael A. Pfaller, Richard J. Hollis and Richard P. Wenzel	
Mycobacteriology	
Laboratory and Clinical Evaluation of Mycobacterium xenopi Isolates	195
Christine E. Marx, Kaili Fan, Arthur J. Morris, Michael L. Wilson, Aldo Damiani, and Melvin P. Weinstein	
Virology	
Specimen Type as a Source of Variability in the Reproductibility and Timing of Cytomegalovirus Identification by Culture	203
Debbie W. Bennion, John F. Carlquist, and Larry J. Wright	
Antimicrobial Susceptibility Studies	
Modifications for Disk Diffusion Susceptibility Testing Criteria of Clinafloxacin (CI-960, AM-1091, PD127371) and Fleroxacin (Ro 23-6240, AM-833) Following Studies with a Challenge Panel of Ciprofloxacin-Resistant Clinical Isolates	209
Ronald N. Jones and David M. Johnson	
Case Reports	
Moraxella Septicemia in Children with Diarrheal Disease	21
Syed Samiul Hogue, Ahmed N. Alam, Abdul K. M. G. Kibriya, and M. John Albert	
Fatal Endocarditis Due to Aerococcus urinae	219
R. L. Skov, M. Klarlund, and S. Thorsen	
Notes	
A Survey of β -Lactamase-Producing Haemophilus influenzae: An Evaluation of 5750 Isolates	22
Stephen F. Rittenhouse, Linda A. Miller, R. L. Kaplan, Gerald H. Mosely, and James A. Poupard	
Reevaluations of Disk Diffusion Susceptibility Testing Interpretive Criteria for Lomefloxacin and Norfloxacin using Fluoroquinolone-Resistant Isolates	22
Martin G. Cormican and Ronald N. Jones	

